IAP7 Rec'd PCT/PTO 27 JUN 2006

PTO-1390 (Rev. 02-2005)

Approved for use through 03/31/2007. OMB 0651-0021

U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

ATTORNEY'S DOCKET NUMBER H0498.70211US02

CON	CERNING A SUBMISSI	U.S. APPLICATION NO. (IJAKNOWIN SEE 37 GR 1.5)					
	FIONAL APPLICATION NO.	INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED				
PCT/US2004/043585 29 December 2004 (29.12.2004) 31 December 2003 (31.12.2003)							
TITLE OF INVENTION ASSAY DEVICE AND METHOD							
	APPLICANT(S) FOR DO/EO/US SIA, Samuel K.; LINDER, Vincent; PARVIZ, Babak; SIEGEL, Adam; WHITESIDES, George M.						
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:							
1. X This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.							
2	2. This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.						
3. This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below.							
4	The US has been elected (Article 31).						
5. X	A copy of the International Application as filed (35 U.S.C. 371 (c)(2))						
a.	a. is attached hereto (required only if not communicated by the International Bureau).						
b. [has been communicated by the International Bureau.						
с. [X is not required, as the application was filed in the United States Receiving Office (RO/US).						
6	An English language translation	of the International Application as filed	I (35 U.S.C. 371 (c)(2)).				
a. [is attached hereto.						
b.	has been previously submitted under 35 U.S.C. 154(d)(4).						
7. X	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))						
а.	are attached hereto (required only if not communicated by the International Bureau).						
b.	X have been communicated by the International Bureau.						
с	have not been made; however, the time limit for making such amendments has NOT expired.						
<u>d.</u>	have not been made and will not be made.						
8	An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).						
9	An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).						
	An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).						
Items 11	to 20 below concern docum	nent(s) or information included:					
11	An Information Disclosure Statement under 37 CFR 1.97 and 1.98.						
12.	An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.						
13.	A preliminary amendment.						
14. X	An Application Data Sheet under 37 CFR 1.76.						
15	A substitute specification.						
16.	A power of attorney and/or change of address letter.						
17	A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.						
18.	A second copy of the published International Application under 35 U.S.C. 154(d)(4).						
19.	A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).						
20. X							
Express Mail No: EV717506223US Search Report and Written Opinion							

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U.S. APPLICATION 16 (if 1/15), 80 37 CEA 1.3 A INTERNATIONAL APPLICATION NO. PCT/US2004/043585				ATTORNEY'S DOCKET NUMBER:				
					H0498.70211US02			
The following fees have been submitted				<u> </u>	CALCULATIONS	PTO USE ONLY		
21. X Basic nati	21. X Basic national fee (37 CFR 1.492(a))				\$	300.00		
22. X Examination fee (37 CFR 1.492(c))								
If the written opinion prepared by the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)\$ 0 All other situations \$200						200.00		
23. X Search fe	e (37 CFR 1.492(b))				\$			
If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)								
					\$	400.00		
	TOTAL OF 21, 22 a				\$	900.00		
listing or compu	or specification and draw iter program listing filed neets of paper or fraction	rings filed in paper over 100 s in an electronic medium). Th thereof.	heets (exclue fee is \$25	uding sequence ofor each				
Total Sheets E		mber of each additional 50 or		RATE	1			
	0 /50 =	nereof (round up to a whole n	umper	x \$250.00	1	0.00		
		declaration later than 30 mon	ths	^ 4200.00	-	0.00	 	
	priority date (37 CFR 1.49				\$			
CLAIMS	NUMBER FILED	NUMBER EXTRA	F	RATE				
Total claims	71 - 20 =	51	x	50.00	\$	2550.00		
Independent claims	6-3 =	3	x	200.00	\$	600.00	ļ	
MULTIPLE DEPEND	ENT CLAIM(s) (if app		+		\$			
	TOTAL OF ABOVE CALCULATIONS = \$ 4050.00							
X Applicant claims	s small entity status. S	ee 37 CFR 1.27. Fees abo	ve are redu	uced by ½.	\$			
			SU	BTOTAL =	\$	2025.00		
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).								
	TOTAL NATIONAL FEE = \$ 2025.00							
Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property						0.00		
		TOTAL	FEES EN	CLOSED =	\$	2025.00		
						nount to be funded:	\$	
					Ar	nount to be arged:	\$	
a. X A check in the amount of \$ 2025.00 to cover the above fees, excluding claim fees, is enclosed.								
b. Please charge my Deposit Account No. in the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed.								
l — to cover to	no above ices. A duj	mode copy of this sheet i	5 611010360	••			i	
c. X The Commissioner is hereby authorized to charge any additional fees which may be required								
or credit any overpayment to Deposit 23/2825 . A duplicate copy of this sheet is enclosed.								
d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.								
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the International Application to pending status. SEND ALL CORRESPONDENCE TO:								
Wolf, Greenfield & Sacks, P.C. SIGNATURE:								
600 Atlantic Avenue Boston, Massachus	e setts 02210-2206	XX						
Tel. (617) 646-8000 CUSTOMER NUMBER: 23628 NAME: OYER, Timothy J.								
			REC	STRATION N	<u> </u>	BER: 36 628		
			NEG	O I WI I VI		DEN. 50,020		

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Application No. (i	f known):	Attorney Docket No.: H0498.70211US02					
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Cei	tificate of Express I	Mailing Under 37 CFR 1.10					
.	initiate of Express i	naming officer of the first					
l hereb Expres	y certify that this correspondence is b is Mail, Airbill No. EV717506223US in	eing deposited with the United States Postal Service as an envelope addressed to:					
	Commissioner for Patents P.O. Box 1450						
	Alexandria, VA 22313-1450						
on	June 27, 2006						
•							
Signature D. T. Signature							
							Typed or printed name of person signing Certificate
Reg	istration Number, if applicable	617 - 646 - 838 9 Telephone Number					
Note:	Each paper must have its own certi each submitted paper.	ficate of mailing, or this certificate must identify					
	Application Data Sheet (1 page)						
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